

CLSID Key - Win32 apps

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Archived: 2026-04-02 12:05:19 UTC

A CLSID is a globally unique identifier that identifies a COM class object. If your server or container allows linking to its embedded objects, you need to register a CLSID for each supported class of objects.

Registry Key

HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{CLSID}

Registry key	Description
<u>AppID</u>	Associates an AppID with a CLSID.
<u>AutoConvertTo</u>	Specifies the automatic conversion of a given class of objects to a new class of objects.
<u>AutoTreatAs</u>	Automatically sets the CLSID for the <u>TreatAs</u> key to the specified value.
<u>AuxUserType</u>	Specifies an application's short display name and application names.
<u>Control</u>	Identifies an object as an ActiveX Control.
<u>Conversion</u>	Used by the Convert dialog box to determine the formats an application can read and write.
<u>DataFormats</u>	Specifies the default and main data formats supported by an application.
<u>DefaultIcon</u>	Provides default icon information for iconic presentations of objects.
<u>InprocHandler</u>	Specifies whether an application uses a custom handler.
<u>InprocHandler32</u>	Specifies whether an application uses a custom handler.
<u>InprocServer</u>	Specifies the path to the in-process server DLL.
<u>InprocServer32</u>	Registers a 32-bit in-process server and specifies the threading model of the apartment the server can run in.
<u>Insertable</u>	Indicates that objects of this class should appear in the Insert Object dialog box list box when used by COM container applications.
<u>Interface</u>	An optional entry that specifies all interface IDs (IIDs) supported by the associated class.

Registry key	Description
<u>LocalServer</u>	Specifies the full path to a 16-bit local server application.
<u>LocalServer32</u>	Specifies the full path to a 32-bit local server application.
<u>MiscStatus</u>	Specifies how to create and display an object.
<u>ProgID</u>	Associates a ProgID with a CLSID.
<u>ToolBoxBitmap32</u>	Identifies the module name and resource ID for a 16 x 16 bitmap to use for the face of a toolbar or toolbox button.
<u>TreatAs</u>	Specifies the CLSID of a class that can emulate the current class.
<u>Verb</u>	Specifies the verbs to be registered for an application.
<u>Version</u>	Specifies the version number of the control.
<u>VersionIndependentProgID</u>	Associates a ProgID with a CLSID. This value is used to determine the latest version of an object application.

Remarks

The **HKEY_LOCAL_MACHINE\SOFTWARE\Classes** key corresponds to the **HKEY_CLASSES_ROOT** key, which was retained for compatibility with earlier versions of COM.

The CLSID key contains information used by the default COM handler to return information about a class when it is in the running state.

To obtain a CLSID for your application, you can use the Uuidgen.exe, or use the [CoCreateGuid](#) function.

The CLSID is a 128-bit number, in hex, within a pair of curly braces.

Related topics

[CoCreateGuid](#)

Source: <https://docs.microsoft.com/en-us/windows/win32/com/clsid-key-hklm>